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New Laser Systems to Debut at IPC/APEX Expo

Tualatin, OR, January 2015 — Among the highlights at the upcoming IPC/APEX Expo will be the debut of 2 new laser systems from LPKF Laser & Electronics: The Fusion 3D 1200 Laser Direct Structuring system, and the MicroLine 2820P Laser Depaneling system.

LPKF Laser & Electronics, a manufacturer of laser systems for a variety of applications, will exhibit in booth 2007 throughout the three day event, which takes place February 24-26 at the San Diego Convention Center in San Diego, CA.

The new LPKF Fusion3D 1200 laser structuring system features a rotary indexing table and a vision system. Its flexibility allows for small, medium, and large scale production of MIDs. For this technology, a laser system applies conductor structures to three-dimensional plastic parts. Metal tracks are then formed on these structures through an electroless plating process. The technology developed by LPKF enables economical as well as space- and weight-saving production of injection-molded MIDs.

The MicroLine 2820P was developed for cutting PCB panels and cover layers. It reduces lead times and eliminates tooling costs of layout changes. The substrates are held securely on a vacuum table. This is ideal for depaneling, cutting and engraving a variety of substrates (cover layers, rigid, flex and rigid/flex).

Alongside these two new systems, LPKF will also feature information about its other primary technologies, for laser plastic welding and solder paste stencil cutting laser systems. Laser plastic welding technology is a hygienic, stress-free method of joining plastics. It is used widely in the automotive and medical device sectors. New features for the StencilLaser systems will also be highlighted including the ability to create step stencils as well as a new option for extending the working area of the StencilLaser G6080 model.

For more information on LPKF's latest laser-based solutions, visit LPKF in booth 2007 at the 2015 IPC/APEX Expo or visit www.lpkfusa.com.

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About LPKF

Established in 1976, LPKF Laser & Electronics manufactures milling machines and laser systems used in circuit board and microelectronics fabrication, medical technology, the automotive sector, and the production of solar cells. LPKF's worldwide headquarters is located in Hannover, Germany and its North American headquarters resides near Portland, Ore.